



National Weather Service, Portland

Eugene (EUG) 1991-2020 Climate Normals

The new 1991-2020 climatic averages for Eugene have shown a general increase in temperatures, with the largest changes being May, as well as the summer months of July and August. Overall, most months are drier, especially in summer (*June through August*). Total annual rainfall decreased by 5.27 inches (11% decrease) over the prior normals (1981-2010).

Highlights

- Warmer through the year, with largest temperature increases in May, July and August
- Drier summers, with July and August rainfall down ~40% (*from 0.55"-0.60" down to 0.33-0.40"*)
- Days per year with maximum temperature at/above 90° increased by 1 (*now 15 days/year*)

1991-2020 ANNUAL Normals and Changes (compared to 1981-2010 normals)

	Temperature Data					Precipitation Data				
	Mean T	Max T	Min T	Tx≥90	Tn≤32	Total	DY≥.01	DY≥.10	DY≥.50	DY≥1.0
Normal	53.2°	64.3°	42.0°	15.2	51.8	40.83"	145.7	89.8	25.6	7.3
<i>Δ normals</i>	+0.7°	+0.9°	+0.4°	+1.2	+1.1	-5.27"	+2.2	-3.3	-4.4	-2.3

1991-2020 SEASON¹ Normals and Changes (compared to 1981-2010 normals)

Winter	Temperature Data					Precipitation Data				
	Mean T	Max T	Min T	Tx≥90	Tn≤32	Total	DY≥.01	DY≥.10	DY≥.50	DY≥1.0
Normal	41.7°	48.7°	34.7°	0	33.2	17.93"	52.1	35.2	12.2	4.1
<i>Δ norms</i>	+0.6°	+0.8°	+0.4°	0	-0.6	-2.20"	+1.4	+0.1	-1.7	-1.0

Spring	Mean T	Max T	Min T	Tx≥90	Tn≤32	Total	DY≥.01	DY≥.10	DY≥.50	DY≥1.0
	51.2°	62.0°	40.4°	0	8.4	10.42"	45.0	26.9	5.8	1.1
<i>Δ norms</i>	+0.5°	+0.7°	+0.3°	-0.1	+0.1	-0.64"	+1.1	-1.0	-0.6	-0.2

Summer	Mean T	Max T	Min T	Tx≥90	Tn≤32	Total	DY≥.01	DY≥.10	DY≥.50	DY≥1.0
	65.6°	80.9°	50.3°	13.5	0	1.94"	13.3	5.7	0.8	0.1
<i>Δ norms</i>	+0.8°	+1.4°	+0.3°	+1.7	0	-0.71"	-0.9	-1.1	-0.5	-0.2

Fall	Mean T	Max T	Min T	Tx≥90	Tn≤32	Total	DY≥.01	DY≥.10	DY≥.50	DY≥1.0
	53.9°	65.4°	42.4°	1.7	10.3	10.54"	35.3	22.0	6.8	2.0
<i>Δ norms</i>	+0.7°	+1.0°	+0.5°	-0.4	+1.6	-1.72"	+0.6	-1.3	-1.6	-0.9

¹ Winter months are DJF (Dec, Jan, Feb), Spring (MAM), Summer (JJA), and Fall (SON).



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1991-2020 Normals for Temperature (and change, Δ , as compared to 1981-2010 normals)

	Mean T	Δ T	Max T	Δ Tx	Min T	Δ Tn	Days Tx \geq 90	Δ Tx90	Days Tn \leq 32	Δ Tn32
Jan	41.4	+0.7	48.1	+0.9	34.7	+0.5	0	0	11.2	-0.7
Feb	43.3	+0.4	51.5	+0.4	35.0	+0.2	0	0	10.4	+0.8
Mar	46.9	+0.2	56.6	+0.4	37.2	+0.1	0	0	6.4	+0.3
Apr	50.7	+0.5	61.3	+0.5	40.0	+0.5	0	0	1.6	-0.3
May	56.1	+0.8	68.1	+1.1	44.0	+0.5	0	-0.1	0.4	+0.1
Jun	60.9	+0.5	74.2	+1.0	47.6	0.0	1.2	+0.2	0	0
Jul	67.8	+1.0	84.0	+1.7	51.7	+0.3	6.0	+0.8	0	0
Aug	67.9	+1.0	84.3	+1.5	51.5	+0.4	6.2	+0.6	0	0
Sep	62.9	+1.0	78.0	+1.1	47.8	+0.8	1.7	-0.3	0.1	0
Oct	53.4	+0.7	64.9	+0.7	41.8	+0.6	0	0	2.7	+0.6
Nov	45.5	+0.6	53.2	+1.0	37.7	+0.1	0	0	7.5	+1.0
Dec	40.6	+0.9	46.8	+1.2	34.3	+0.5	0	0	11.6	-0.7

1991-2020 Normals for Precipitation (and change, Δ , as compared to 1981-2010 normals)

	Total (inches)	Δ P (inch)	Δ P (%)	Days P \geq 0.01	Δ D01	Days P \geq 0.10	Δ D10	Days P \geq 0.50	Δ D50	Days P \geq 1.00	Δ D1
Jan	6.05	-0.82	-11.9%	17.9	0.0	12.2	-0.1	4.2	-0.7	1.2	-0.4
Feb	4.67	-0.76	-14.0%	15.5	+0.6	10.1	+0.2	2.9	-0.6	0.9	-0.4
Mar	4.64	-0.35	-7.0%	17.6	-0.1	11.0	-0.7	2.9	-0.3	0.6	-0.1
Apr	3.32	-0.1	-0.3%	15.5	+1.0	8.9	+0.3	1.7	-0.1	0.3	-0.1
May	2.46	-0.28	-10.2%	11.9	+0.2	7.0	-0.6	1.2	-0.2	0.2	0.0
Jun	1.23	-0.27	-18.0%	7.9	0.0	3.9	-0.3	0.4	-0.3	0.1	-0.1
Jul	0.32	-0.22	-40.7%	2.6	-0.5	0.8	-0.4	0.2	-0.1	0	0
Aug	0.39	-0.22	-36.1%	2.8	-0.4	1.0	-0.4	0.2	-0.1	0	-0.1
Sep	1.39	+0.10	+7.8%	5.9	+0.5	3.2	0.0	1.0	+0.1	0.1	-0.1
Oct	3.17	-0.08	-2.5%	11.9	+0.5	7.1	+0.1	1.8	-0.1	0.6	0.0
Nov	5.98	-1.74	-22.5%	17.5	-0.4	11.7	-1.4	4.0	-1.6	1.3	-0.8
Dec	7.21	-0.62	-7.9%	18.7	+0.8	12.9	0.0	5.1	-0.4	2.0	-0.2

For more information, visit the National Weather Service Portland at: weather.gov/portland
or NOAA's New 1991-2020 Climate Normals at: www.ncei.noaa.gov/products/climate-normals